

08-24-01

X

Practitioner's Docket No. Warf-002

PATENT

Preliminary Classification:  
 Proposed Class: 703  
 Subclass: 11

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Warren P. Porter; John W. Mitchell

For (title): Method and system for calculating the spatial-temporal effects of climate and other environmental conditions on animals.

## CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10\*

(When using Express Mail, the Express Mail label number is **mandatory**,  
 Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

## MAILING

☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents,  
 Washington, D.C. 20231

37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10\*

☐ with sufficient postage as first class mail.

☒ as "Express Mail Post Office to Address"  
 Mailing Label No. EK796645358US

## TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office (703) \_\_\_\_ - \_\_\_\_.

Date: 23 AUG. 2001

Patricia Smith King  
 Signature

Patricia Smith King

(type or print name of person certifying)

**\*WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. Section 1.10(b)  
 "Since the filing of correspondence under [Section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Express mail label # EK796645358US)

New Application Transmittal--page 1 of 1)

1c796 U.S. PTO  
 08/23/01

1c857 U.S. PTO  
 09/23/01

009938196 082301

**1. Type of Application**

This transmittal is for an original (nonprovisional) application.

**2. Papers Enclosed**

**A.** Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design) Application

56 Page(s) of Specification

22 Page(s) of Claims

13 Sheet(s) of Drawing(s)--Informal

**B.** Other Papers Enclosed

2 Page(s) of declaration and power of attorney

1 Page(s) of abstract

**3. Declaration or Oath**

Not enclosed.

**4. Inventorship Statement**

The inventorship for all the claims in this application is not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted.

**5. Language**

English

**6. Assignment**

An assignment of the invention to Wisconsin Alumni Research Foundation will follow.

7. **Fee Calculation (37 C.F.R. Section 1.16)**

Regular Application

CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$710.00
Total Claims (37 CFR 1.16(c))	100	- 20 =	80 x	\$18.00	\$1,440.00
Independent Claims (37 CFR 1.16(b))	5	- 3 =	2 x	\$80.00	\$160.00
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$270.00	\$0.00
Filing Fee Calculation					\$2,310.00

8. **Small Entity Statement(s)**

Applicant(s) is a party entitled to small entity status in accordance with 37 C.F.R. Section 1.27(a), and so asserts by this writing in accordance with 37 C.F.R. Sections 1.27 (b) and (c). Assignee is also a party entitled to small entity status in accordance with 37 C.F.R. Section 1.27(a), and so asserts by this writing in accordance with 37 C.F.R. Sections 1.27(b) and (c).

Filing Fee Calculation (50% of above) \$1,155.00

9. **Fee Payment Being Made at This Time**

Enclosed  
Filing Fee \$1,155.00

**Total Fees Enclosed** \$1,155.00

**10. Method of Payment of Fees**

Check in the amount of \$1,155.00 is attached.

**11. Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge additional fees by this paper and during the entire pendency of this application to Account No. 501486.

**12. Instructions as to Overpayment**

Refund.

Date: 23 Aug. 2001

  
\_\_\_\_\_  
Patricia Smith King  
Registration No. 41899  
King Research & Law  
222 N. Midvale Boulevard, Suite 22  
Madison, WI 53705-5076  
1-608-231-2988  
Customer No. 22224

**EXPLANATION, INCLUDING THE OWNERSHIP OF VARIOUS CLAIMS AT  
THE TIME THE LAST CLAIMED INVENTION WAS MADE.**

Inventors: Warren P. Porter; John W. Mitchell  
For (title): Method and system for calculating the spatial-temporal effects of climate and  
other environmental conditions on animals  
Filing Date: 23 August 2001

Both co-inventors contributed to each claim in the above referenced patent  
application, except as noted below:

Warren P. Porter is sole inventor of claims: 1-10; 12-47; 49-60; 62 – 80; 82-85; and, 87 –  
100.

100-9876543210

# FEE TRANSMITTAL

## for FY 2000

*Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 CFR §§ 1.27 and 1.28*

**TOTAL AMOUNT OF PAYMENT** (\$1,155.00)

### Complete if Known

Application Number	
Filing Date	August 23, 2001
First Named Inventor	Warren P. Porter
Examiner Name	
Group / Art Unit	
Attorney Docket No.	Warf-002

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number

Deposit Account Name

☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	201	690	345	Utility filing fee	355.00
106	206	310	155	Design filing fee	
107	207	480	240	Plant filing fee	
108	208	690	345	Reissue filing fee	
114	214	150	75	Provisional filing fee	

**SUBTOTAL (1)** (\$355.00)

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20**	80	9	720
5	2	40	80
Multiple Dependent			0

\*\*or number previously paid, if greater, For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
103	203	18	9	Claims in excess of 20
102	202	78	39	Independent claims in excess of 3
104	204	260	130	Multiple dependent claim, if not paid
109	209	78	39	** Reissue independent claims over original patent
110	210	18	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$800.00)

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	205	130	65	Surcharge - late filing fee or oath	0.00
127	227	50	25	Surcharge - late provisional filing fee or cover sheet	0.00
139	139	130	130	Non-English specification	0.00
147	147	2,520	2,520	For filing a request for reexamination	0.00
112	112	920*	920*	Requesting publication of SIR prior to Examiner action	0.00
113	113	1,840*	1,840*	Requesting publication of SIR after Examiner action	0.00
115	115	110	55	Extension for reply within first month	0.00
116	116	380	190	Extension for reply within second month	0.00
117	117	870	435	Extension for reply within third month	0.00
118	118	1,360	680	Extension for reply within fourth month	0.00
128	128	1,850	925	Extension for reply within fifth month	0.00
119	119	300	150	Notice of Appeal	0.00
120	120	300	150	Filing a brief in support of an appeal	0.00
121	121	260	130	Request for oral hearing	0.00
138	138	1,510	1,510	Petition to institute a public use proceeding	0.00
140	140	110	55	Petition to revive - unavoidable	0.00
141	141	1,210	605	Petition to revive - unintentional	0.00
142	142	1,210	605	Utility issue fee (or reissue)	0.00
143	143	430	215	Design issue fee	0.00
144	144	580	290	Plant issue fee	0.00
122	122	130	130	Petitions to the Commissioner	0.00
123	123	50	50	Petitions related to provisional applications	0.00
126	126	240	240	Submission of Information Disclosure Stmt	0.00
581	581	40	40	Recording each patent assignment per property (times number of properties)	0.00
146	146	690	345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	149	690	345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify) _____					0.00
Other fee (specify) _____					0.00

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$0.00)

### SUBMITTED BY

Name (Print/Type)	Patricia Smith King	Registration No (Attorney/Agent)	41899	Telephone	1-608-231-2988
Signature	<i>Patricia Smith King</i>	Date	23 Aug 2001		

### WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231